| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/893,965      | KIM ET AL.   |  |
| Examiner        | Art Unit     |  |

| 7 | Rejected |  |
|---|----------|--|
|   | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-El cted  |
|---|--------------|
| _ | Interference |

Edgardo Ortiz

| A | Appeal   |
|---|----------|
| 0 | Objected |

2815

|          |                            |  |          |                                |                   |          | l        |          |          |          |    |
|----------|----------------------------|--|----------|--------------------------------|-------------------|----------|----------|----------|----------|----------|----|
|          |                            |  |          |                                |                   |          |          |          |          |          | 1  |
| Cla      |                            | <b>—</b>   |          |                                |                   | Date     | 3        |          |          |          |    |
| Final    | Original                   | Ce<br>St   |          |                                |                   |          |          |          |          |          |    |
|          |                            | U  | $\sim$   | _                              | _                 |          |          | -        |          | -        |    |
|          | 1<br>2<br>3<br>4           | Ť  | -        |                                | _                 |          |          |          |          | $\vdash$ |    |
|          | 3                          | $\dagger$  | Н        |                                |                   |          |          |          |          |          |    |
|          | 4                          | H  | -        |                                | _                 |          |          |          |          | _        |    |
|          | 5                          | Ħ  |          |                                |                   |          |          |          |          |          | ľ  |
|          | 5<br>6                     | Ħ  | _        |                                |                   |          |          | _        |          |          |    |
|          | 7                          | П  |          |                                |                   |          |          |          |          |          | ŀ  |
|          | 8                          |  |          |                                |                   |          |          |          |          |          |    |
|          | 9                          |  |          |                                |                   |          |          |          |          |          |    |
|          | 10                         | Ш  |          | _                              |                   |          |          |          |          |          |    |
|          | 11                         | 1  | _        |                                |                   | L.       |          |          |          |          |    |
| <u> </u> | 12                         | ╙  |          |                                | _                 | _        |          |          | _        |          | l  |
|          | 11<br>12<br>13<br>14<br>15 | ₩  | -        |                                | _                 | ┝╌       | _        |          |          | _        | ļ  |
|          | 15                         | ╁  | _        | -                              | $\vdash$          | $\vdash$ |          |          |          | $\vdash$ | ł  |
|          | 16                         | ╁┼   | -        | -                              | $\vdash$          |          |          |          | H        |          |    |
| $\vdash$ | 16<br>17                   | H  | _        | <del>-</del>                   | ┢╌                | -        |          |          |          |          | ١. |
| -        | 18                         | 1  | $\vdash$ | <u> </u>                       | <del> </del>      |          | $\vdash$ |          |          |          |    |
|          | 19<br>20                   | Г  |          | _                              | _                 |          |          |          |          |          |    |
|          | 20                         |  |          |                                |                   |          |          |          |          |          | ١  |
|          | 21                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 21<br>22<br>23             |  |          |                                |                   |          |          |          |          |          |    |
|          | 23                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 24<br>25                   | _  |          |                                |                   |          | <u> </u> |          |          |          |    |
| <u></u>  | 25                         | _  |          |                                | _                 |          | <u> </u> |          |          |          | l  |
| <u> </u> | 26                         | ├  | _        | ļ                              | ļ                 | -        | <u> </u> |          |          |          |    |
| <u> </u> | 27                         |  | _        | <del> </del>                   |                   | <u> </u> | ┝        |          |          |          | l  |
|          | 28<br>29                   | ├  | $\vdash$ | -                              | ├                 | -        | $\vdash$ | $\vdash$ |          | _        | l  |
|          | 30                         | ┢  |          | $\vdash$                       | ├──               |          | -        | _        |          |          |    |
|          | 30<br>31                   | ┢  |          |                                | $\vdash$          | $\vdash$ | -        |          |          |          |    |
|          | 32                         | Н  | _        | -                              |                   |          |          |          |          |          |    |
|          | 32<br>33                   | ┢  |          | $\vdash$                       |                   |          |          |          |          |          |    |
|          | 34                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 35                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 36                         | L  | $\Box$   | $oxedsymbol{oxedsymbol{oxed}}$ |                   | 匚        | سَـــا   |          |          |          | 1  |
|          | 37                         |  |          | <u> </u>                       | $ldsymbol{f eta}$ |          | _        | L        | <u> </u> | L        | ]  |
|          | 38                         | <u> </u>   | <u> </u> |                                | ļ                 |          | <u> </u> | _        | _        | <u> </u> | ļ  |
| -        | 39                         | <u> </u>   |          |                                |                   | L        | -        | -        | -        | _        | ł  |
|          | 40                         | ┝  |          |                                |                   |          | -        | ├        |          |          | 1  |
| -        | 41                         | $\vdash$   | -        | -                              | $\vdash$          | $\vdash$ | ├-       |          | -        | -        | ł  |
| -        | 43                         | +-   | $\vdash$ | -                              |                   | -        | $\vdash$ | $\vdash$ | $\vdash$ | ┢        | ł  |
|          | 44                         | <del>                                     </del> | -        | $\vdash$                       | $\vdash$          | $\vdash$ | ┢        | $\vdash$ | -        | $\vdash$ | l  |
| _        | 45                         |  |          |                                | <u> </u>          | $\vdash$ |          | _        | <u> </u> |          | ١  |
|          | 46                         |  | 1        | Γ                              |                   |          |          |          |          |          | 1  |
|          | 47                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 48                         |  |          |                                |                   |          |          |          |          |          |    |
|          | 49                         |  |          |                                |                   |          |          |          |          |          |    |
| 1        | 50                         | 1  | l        | 1 _                            | l                 | l        | l        | l        |          |          | 1  |

| CI       | aim            |  |          |   |          | ate          | <del></del> |  |          | - |
|----------|----------------|--|----------|---|----------|--------------|-------------|--|----------|---|
|          |                |  |          |   |          |              |             |  |          |   |
| Final    | Original       |  |          |   |          |              |             |  |          |   |
|          | 1              |  |          |   |          |              |             |  |          |   |
| ļ        | 51             |  |          |   | _        |              |             |  |          |   |
|          | 51<br>52       |  |          |   |          |              |             |  |          |   |
|          | 53             |  |          |   |          |              |             |  |          |   |
|          | 54             |  |          |   |          |              |             |  |          |   |
|          | 55             |  |          |   |          |              |             |  |          |   |
|          | 56             | т  |          |   |          |              |             |  |          |   |
| -        | 57             | -  | -        |   |          |              |             | -  |          |   |
|          | 58             | -  |          | _ |          | -            | _           | _  | -        |   |
|          | 59             |  |          | _ |          |              |             |  |          |   |
| <u> </u> | 60             |  | -        | _ | -        |              |             |  | _        |   |
|          |                | _  | $\dashv$ |   |          |              |             |  | -        |   |
|          | 61             |  |          |   |          |              |             |  |          |   |
|          | 62<br>63       |  |          |   |          |              |             |  |          |   |
|          | 63             |  |          |   |          |              |             |  |          |   |
|          | 64<br>65       |  |          |   |          |              |             |  |          |   |
|          | 65             |  |          |   |          |              |             |  |          |   |
|          | 66             |  |          |   |          |              |             |  |          |   |
|          | 67             |  |          |   |          |              |             |  |          |   |
| -        | 68             |  |          |   |          |              |             |  |          |   |
|          | 69             |  |          |   |          |              |             |  |          |   |
|          | 70             |  |          |   |          |              |             |  |          |   |
|          | 70<br>71       |  |          |   |          |              |             |  |          |   |
|          | 72<br>73<br>74 |  |          |   |          |              |             |  |          |   |
|          | 73             |  |          |   |          |              |             |  |          |   |
|          | 74             |  |          |   |          |              |             |  |          |   |
|          | 75             |  |          |   |          |              |             |  |          |   |
|          | 76             |  |          |   |          |              |             |  |          |   |
| ļ        | 77             |  |          |   |          |              |             | _  |          |   |
| <u> </u> | 78<br>79       |  | _        | _ |          |              |             |  |          |   |
|          | 79             |  |          |   |          |              |             | _  |          |   |
|          | 80             |  |          |   |          |              |             | _  |          |   |
| <u> </u> | 81             | _  |          |   |          |              |             | _  |          |   |
| <u> </u> | 82             | _  |          |   |          |              |             | _  |          |   |
| -        | 83             | ļ  |          |   |          | Ь.           |             |  |          |   |
| <u> </u> | 84             | $\perp$  |          |   | _        | _            |             | _  | _        |   |
| -        | 85             | _  |          |   | _        | _            | _           |  |          |   |
| -        | 86             |  | _        |   | _        |              |             |  | -        | - |
|          | 87             | <u> </u>   |          |   |          | _            |             |  | H        |   |
| <u> </u> | 88             | H  | _        |   | _        |              |             | _  | <u> </u> | _ |
| -        | 89<br>90       | -  | _        |   | _        |              |             |  | -        |   |
| -        | 91             | -  |          | - |          |              |             | _  | H        | - |
|          | 92             | H  |          |   |          | $\vdash$     |             | -  |          |   |
|          | 93             | $\vdash$   | $\vdash$ | _ | $\vdash$ | <del> </del> |             | _  | $\vdash$ | _ |
| -        | 94             | <del>                                     </del> |          | - |          |              | H           | <del>                                     </del> | H        |   |
|          | 95             | Г  |          | _ |          | Г            |             |  | Г        |   |
|          | 96             | Г  |          |   |          |              |             |  |          |   |
|          | 97             | П  |          |   |          |              |             |  |          |   |
|          | 98             |  |          |   |          |              |             |  |          |   |
|          | 99             |  |          |   |          |              |             |  |          |   |
|          | 100            |  |          |   |          |              |             |  |          |   |

| Claim             |                 |   |          |          | Date     | 2        |          |          |  |
|-------------------|-----------------|---|----------|----------|----------|----------|----------|----------|--|
| Final<br>Original |                 |   |          |          |          |          |          |          |  |
| 101               |                 |   |          |          |          |          |          |          |  |
| 102<br>103        |                 |   |          |          |          |          |          |          |  |
| 103               | Ш               |   |          |          |          |          |          |          |  |
| 104<br>105        | Н               | _ |          |          |          |          |          |          |  |
| 105               | $\vdash$        |   |          |          | _        |          |          | _        | _  |
| 100               | +               | - |          |          |          | _        |          | -        |  |
| 107<br>108        | H               |   |          |          |          |          |          | <u> </u> |  |
| 109               | H               |   | _        |          |          | _        | _        | _        | _  |
| 110               |                 |   |          |          |          |          |          |          |  |
| 111               | Ш               |   |          |          |          |          |          |          |  |
| 112<br>113        |                 |   |          | _        |          |          |          |          |  |
| 113               | $\vdash$        |   |          |          |          |          |          |          | Щ  |
| 114               | 1               |   |          |          |          |          |          |          |  |
| 115<br>116        | $\vdash$        |   |          |          |          |          |          | <u> </u> | H  |
| 117               | +               |   |          |          |          |          |          |          | $\vdash$   |
| 118               | $\vdash$        | _ |          |          |          | _        | -        |          | $\vdash$   |
| 118<br>119        | 1 "             |   |          |          |          |          |          |          |  |
| 120               |                 |   |          |          |          |          |          |          |  |
| 121<br>122        |                 |   |          |          |          |          |          |          |  |
| 122               |                 |   |          |          |          |          |          |          |  |
| 123<br>124<br>125 | $\sqcup$        |   |          |          |          | _        | _        |          | ļ  |
| 124               | $\vdash$        | _ |          | _        |          | <u> </u> |          |          |  |
| 125               | $\vdash$        | _ |          | _        |          | -        |          | -        | -  |
| 127               | $\vdash$        |   |          | -        |          | _        | _        | -        |  |
| 126<br>127<br>128 | H               |   |          |          |          |          |          |          |  |
| 129               | $\Box$          |   |          |          |          |          |          |          |  |
| 129<br>130        |                 |   |          |          |          |          |          |          |  |
| 131               |                 |   |          |          |          |          |          |          |  |
| 132               | Ш               |   |          |          |          |          |          |          | L  |
| 133               | $\vdash$        | _ |          |          |          | ļ        |          |          |  |
| 134<br>135        | $\vdash \vdash$ | _ | H        | H        | <u> </u> | _        |          |          | <del>                                     </del> |
| 135               | $\vdash \vdash$ |   | $\vdash$ | $\vdash$ | -        | _        | <u> </u> | _        | $\vdash$   |
| 137               | $\vdash \vdash$ |   |          | H        | -        |          |          |          | $\vdash$   |
| 137<br>138        | +               |   | $\vdash$ | _        | П        |          | $\Box$   | _        |  |
| 139               |                 |   |          |          |          |          |          |          |  |
| 140               |                 |   |          |          |          |          |          |          |  |
| 141               | $\sqcup$        |   |          |          |          |          |          |          |  |
| 142               | $\sqcup$        |   |          |          |          | _        | <u> </u> | _        |  |
| 143               |                 |   | _        | <u> </u> | _        | ļ        | <u> </u> | <u> </u> | _  |
| 144               | $\vdash$        |   | _        | _        | $\vdash$ |          | $\vdash$ | $\vdash$ | <u> </u>   |
| 145               | $\vdash$        |   |          | <u> </u> | ├        | _        |          | ┝        | $\vdash$   |
| 147               | +               |   |          | _        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   |
| 148               | $\dagger$       |   | -        | Ι-       |          |          | T        |          | $\vdash$   |
| 149               |                 |   |          |          |          |          |          |          |  |
| 150               |                 |   | Γ        |          |          | <u> </u> | Г        | T        | П  |